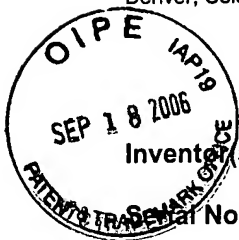


*Handwritten initials*



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Toshiya Hataguchi et al.

Serial No.: 10/725,696

Examiner: Wyatt, Kevin S.

Filing Date: December 1, 2003

Group Art Unit: 2878

Title: ENCODER UTILIZING A REFLECTIVE CYLINDRICAL SURFACE

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ☐ Response/Amendment ☐ Petition to extend time to respond  
☐ New fee as calculated below ☐ Supplemental Declaration  
☐ No additional fee (Address envelope to "Mail Stop Amendments")  
☒ Other: IDS, PTO FORM 1449 and References (Fee \$ 180.00.)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X 50	\$ 0
INDEP. CLAIMS		MINUS		= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 <sup>ST</sup> MONTH 120.00 <input type="checkbox"/>	2 <sup>ND</sup> MONTH 450.00 <input type="checkbox"/>	3 <sup>RD</sup> MONTH 1020.00 <input type="checkbox"/>	4 <sup>TH</sup> MONTH 1590.00 <input type="checkbox"/>		\$ 0
OTHER FEES						\$ 180
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 180

Charge \$ 180 to Deposit Account 50-3718. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-3718 pursuant to 37 CFR 1.2 5. Additionally please charge any fees to Deposit Account 50-3718 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Toshiya Hataguchi et al.

By

Jay K. Malkin  
Attorney/Agent for Applicant(s)

I hereby certify that this correspondence is being Deposited with the United States Postal Service as First class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: 9/15/06

Typed Name: Joy Reinhart

Signature: *Joy Reinhart*

Reg. No. 31,393

Date: 9/15/06

Telephone No. (303) 298-9888



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Toshiya Hataguchi et al.

Serial No.: 10/725,696

Examiner: Wyatt, Kevin S.

Filing Date: December 1, 2003

Group Art Unit: 2878

Title: ENCODER UTILIZING A REFLECTIVE CYLINDRICAL SURFACE

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (a) ☐ Under 37 CFR 1.97(b).  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first Office action on the merits; whichever occurs last).
- (b) ☐ Under 37 CFR 1.97(c) together with *either* a:  
☐ Statement under CFR 1.97(e), or  
☐ \$180.00 fee under 37 CFR 1.17(p).  
(After the CFR 1.97(b) time period, but before a final action or notice of allowance, whichever occurs first).
- (c) ☒ Under 37 CFR 1.97(d) together with: a  
Statement under 37 CFR 1.97(e), *and*  
\$180.00 fee as set forth in 37 CFR 1.17(p).  
(After a final action or notice of allowance, whichever occurs first, but before payment of the issue fee).

☒ STATEMENT UNDER 37 CFR 1.97(e)

The undersigned certifies that:

- ☒ Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement, or
- ☐ No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

☐ PRIOR APPLICATIONS

References identified with an asterisk (\*) in the enclosed PTO Form 1449, were disclosed in prior Patent Application No. \_\_\_\_\_, filed \_\_\_\_\_, now U.S. Patent No. \_\_\_\_\_, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

☒ FOREIGN LANGUAGE DOCUMENTS

A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

09/19/2006 YPOLITE1 00000024 503718 10725696  
01 FC:1806 180.00 DA

☒ **FEE AUTHORIZATION**

Please charge to Deposit Account **50-3718** the sum of \$180.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-3718** pursuant to 37 CFR 1.25.

I hereby certify that this correspondence is being deposited with the United States Postal Service as:

☒ First Class Mail

☐ "Express Mail Post office to Addressee" service under 37 CFR 1.10.

Express Mail Label No.

Date of Deposit: 9/15/06

In an envelope addressed to: Commissioner for Patents,  
P.O. Box 1450, Alexandria VA 22313-1450.

OR

☐ I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Date of Facsimile:

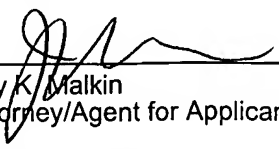
Typed Name: Joy Reinhart

Signature: 

Respectfully submitted,

Toshiya Hataguchi et al.

By

  
Jay K. Malkin  
Attorney/Agent for Applicant(s)

Reg. No. 31,393

Date:

9/15/06

Telephone No. (303) 298-9888

70021172-1

10/725,696

## APPLICANT

Hataguchi et al.

## FILING DATE

December 1, 2003

## GROUP

2878

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME

## FOREIGN PATENT DOCUMENT

	DOCUMENT NUMBER	DATE	NAME	TRANSLATION YES NO	
	EP 0 146 303 B1	09/25/91	Tanaka et al.		
	DE 39 27 846	03/01/90	Kobayashi et al.		X
	DE 197 05 312	08/20/98	Spies		X
	DE 197 58 104	07/01/99	Germuth-Loffler et al.		X

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	German Office Action dated June 22, 2006 involving counterpart German application no. 10 2004 048237.3-52
	English Translation of German Office Action dated June 22, 2006 involving counterpart German application no. 10 2004 048237.3-52

EXAMINER

DATE CONSIDERED

\* Copies of these references are not enclosed Pursuant to 37 CFR 1.98(d). (See accompanying IDS)